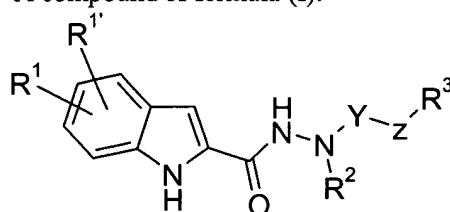


### Amendments to the Claims:

The following listing of claims will replace all prior versions of claims in the application:

### Listing of Claims:

Claim 1 (original): A compound of formula (I):



I

or a pharmaceutically acceptable salt thereof, wherein:

Y is -C(O)-, -S(O)<sub>2</sub>-, or -C(NH)-;

Z is C<sub>1-4</sub>alkylene, oxygen, -(CH<sub>2</sub>)<sub>m</sub>O-, -O(CH<sub>2</sub>)<sub>m</sub>-, -NR-, -(CH<sub>2</sub>)<sub>m</sub>NR-, -NR(CH<sub>2</sub>)<sub>m</sub>-,  
-(CH<sub>2</sub>)<sub>m</sub>S(O)<sub>2</sub>-, or a bond;

m is 1, 2, 3, or 4;

R is C<sub>0-4</sub>alkyl, C<sub>0-4</sub>alkylaryl, or C<sub>0-4</sub>alkylheoaryl;

R<sup>1</sup> and R<sup>1'</sup> are each independently, halogen, hydroxy, cyano, C<sub>0-4</sub>alkyl, C<sub>1-4</sub>alkoxy, fluoromethyl, difluoromethyl, trifluoromethyl, ethenyl, or ethynyl;

R<sup>2</sup> is C<sub>0-4</sub>alkyl, COOR<sup>6</sup>, COR<sup>6</sup>, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl-, hydroxyC<sub>1-4</sub>alkyl-, cycloalkylC<sub>0-4</sub>alkyl-, arylC<sub>0-4</sub>alkyl-, or hetarylC<sub>0-4</sub>alkyl-, wherein any of the aryl or hetaryl rings are optionally substituted with 1-2 independent halogen, cyano, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, -N(C<sub>0-4</sub>alkyl)(C<sub>0-4</sub>alkyl), -SO<sub>2</sub>C<sub>1-4</sub>alkyl, -SO<sub>2</sub>N(C<sub>0-4</sub>alkyl)(C<sub>0-4</sub>alkyl), hydroxy, fluoromethyl, difluoromethyl, or trifluoromethyl substituents;

R<sup>3</sup> is hydrogen, -COOC<sub>0-4</sub>alkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkyl, arylC<sub>1-4</sub>alkylthio-, -C<sub>0-4</sub>alkylaryl, -C<sub>0-4</sub>alkylhetaryl, -C<sub>0-4</sub>alkylcycloalkyl, or -C<sub>0-4</sub>alkylheterocyclyl, wherein any of the rings is optionally substituted with 1-3 independent halogen, cyano, C<sub>1-4</sub>alkyl, fluoromethyl, difluoromethyl, trifluoromethyl, -C<sub>0-4</sub>alkylNHC(O)O(C<sub>1-4</sub>alkyl), -C<sub>0-4</sub>alkylNR<sup>7</sup>R<sup>8</sup>, -C(O)R<sup>9</sup>, C<sub>1-4</sub>alkoxyC<sub>0-4</sub>alkyl-, -COOC<sub>0-4</sub>alkyl, -C<sub>0-4</sub>alkylNHC(O)R<sup>9</sup>, -C<sub>0-4</sub>alkylC(O)N(R<sup>10</sup>)<sub>2</sub>, -C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkoxy, hydroxyC<sub>0-4</sub>alkyl-, -NH<sub>2</sub>SO<sub>2</sub>R<sup>10</sup>, -SO<sub>2</sub>(C<sub>1-4</sub>alkyl), -SO<sub>2</sub>NR<sup>11</sup>R<sup>12</sup>, 5- to 6-membered heterocyclyl, phenylC<sub>0-2</sub>alkoxy, or phenylC<sub>0-2</sub>alkyl substituents, wherein phenyl is optionally substituted with 1-2 independent halogen, cyano, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, -N(C<sub>0-4</sub>alkyl)(C<sub>0-4</sub>alkyl), -SO<sub>2</sub>C<sub>1-4</sub>alkyl, -SO<sub>2</sub>N(C<sub>0-4</sub>alkyl)(C<sub>0-4</sub>alkyl), hydroxy, fluoromethyl, difluoromethyl, or trifluoromethyl substituents, or two bonds on a ring carbon of the heterocyclyl group optionally can form an oxo (=O) substituent;

or R<sup>3</sup> is -NR<sup>4</sup>(-C<sub>0-4</sub>alkylR<sup>5</sup>);

R<sup>4</sup> is C<sub>0-3</sub>alkyl, -C<sub>2-3</sub>alkyl-NR<sup>7</sup>R<sup>8</sup>, C<sub>3-6</sub>cycloalkyl optionally substituted by hydroxyC<sub>0-4</sub>alkyl- further optionally substituted by hydroxy, C<sub>1-2</sub>alkoxyC<sub>2-4</sub>alkyl-, or C<sub>1-2</sub>alkyl-S(O)<sub>n</sub>-C<sub>2-3</sub>alkyl-;

n is 0, 1, or 2;

R<sup>5</sup> is hydrogen, hydroxyC<sub>2-3</sub>alkyl-, C<sub>1-2</sub>alkoxyC<sub>0-4</sub>alkyl-, or aryl, hetaryl, or heterocyclyl;

wherein a heterocyclic nitrogen-containing R<sup>5</sup> ring optionally is mono-substituted on the ring nitrogen with C<sub>1-4</sub>alkyl, benzyl, benzoyl, C<sub>1-4</sub>alkyl-C(O)-, -SO<sub>2</sub>C<sub>1-4</sub>alkyl, -SO<sub>2</sub>N(C<sub>0-4</sub>alkyl)(C<sub>0-4</sub>alkyl), C<sub>1-4</sub>alkoxycarbonyl, or aryl(C<sub>1-4</sub>alkoxy)carbonyl; and wherein the R<sup>5</sup> rings are optionally mono-substituted on a ring carbon with halogen, cyano, C<sub>1-4</sub>alkyl-C(O)-, C<sub>1-4</sub>alkyl-SO<sub>2</sub>-, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, hydroxy, -N(C<sub>0-4</sub>alkyl)(C<sub>0-4</sub>alkyl), hydroxyc<sub>0-4</sub>alkyl-, or C<sub>0-4</sub>alkylcarbamoyl-, provided that no quaternised nitrogen is included; or two bonds on a ring carbon of the heterocycle optionally can form an oxo (=O) substituent;

R<sup>6</sup> is C<sub>1-4</sub>alkyl, aryl, or hetaryl;

R<sup>7</sup> and R<sup>8</sup> are independently C<sub>0-4</sub>alkyl, C<sub>3-6</sub>cycloalkyl, or CO(C<sub>1-4</sub>alkyl);

R<sup>9</sup> is C<sub>1-4</sub>alkyl, or C<sub>3-6</sub>cycloalkyl;

R<sup>10</sup> is C<sub>0-4</sub>alkyl, or C<sub>3-6</sub>cycloalkyl; and

R<sup>11</sup> and R<sup>12</sup> are independently C<sub>0-4</sub>alkyl or together with the nitrogen to which they are attached may form a 4- to 6-membered heterocycle;

provided there are no nitrogen-oxygen, nitrogen-nitrogen, oxygen-oxygen or nitrogen-halogen bonds in the grouping -Y-Z-R<sup>3</sup>; and

provided that when -Y-Z- represents -C(O)-, -C(NH)-, -C(O)-C<sub>1-4</sub>alkylene, -C(NH)-C<sub>1-4</sub>alkylene, -C(O)-NR-, -C(NH)-NR-, -C(O)-(CH<sub>2</sub>)<sub>m</sub>NR-, or -C(NH)-(CH<sub>2</sub>)<sub>m</sub>NR-, then R<sup>3</sup> is not optionally substituted C<sub>3-10</sub>cycloalkyl, C<sub>5-10</sub>cycloalkenyl, phenyl, naphthyl, pyridyl, pyrazinyl, pyrazolyl, imidazolyl, triazolyl, thiazolyl, furanyl, thiophenyl, pyrrolyl, pyrrolidinyl, piperidinyl, indolyl, benzo[1,3]dioxol, thieno[2,3-b]pyrrolyl, or thieno[3,2-b]pyrrolyl.

Claim 2 (original): A compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein Y is -C(O)- or -S(O)<sub>2</sub>-.

Claims 3-14 (canceled)

Claim 15 (new): A compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein Z is C<sub>1-4</sub>alkylene, oxygen, -(CH<sub>2</sub>)<sub>m</sub>O-, -NR- or a bond.

Claim 16 (new): A compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein Y is -C(O)-.

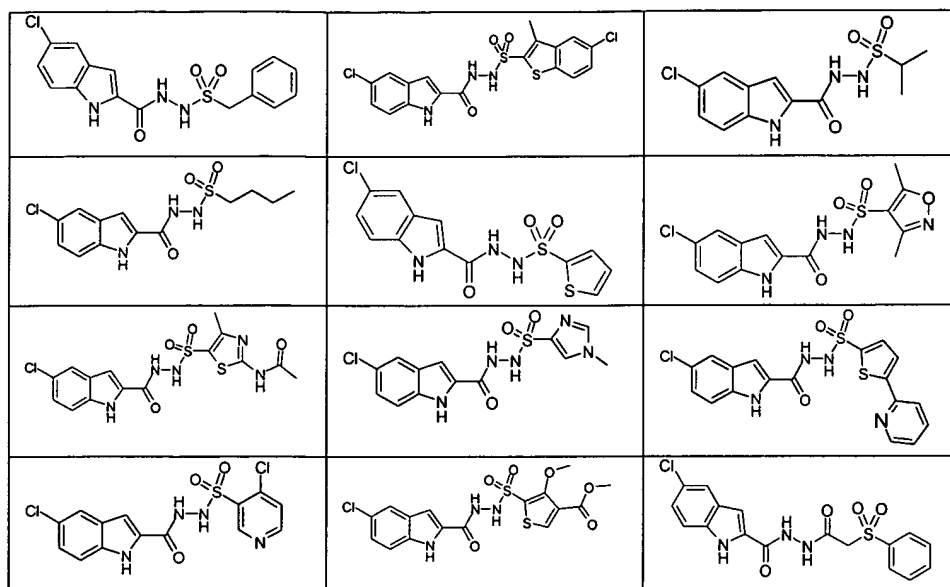
Claim 17 (new): A compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein Y is -S(O)<sub>2</sub>-.

Claim 18 (new): A compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein R<sup>1</sup> and R<sup>1'</sup> are each independently, hydrogen or halogen.

Claim 19 (new): A compound according to claim 18, or a pharmaceutically acceptable salt thereof, wherein one of R<sup>1</sup> and R<sup>1'</sup> is hydrogen and the other is 5-chloro.

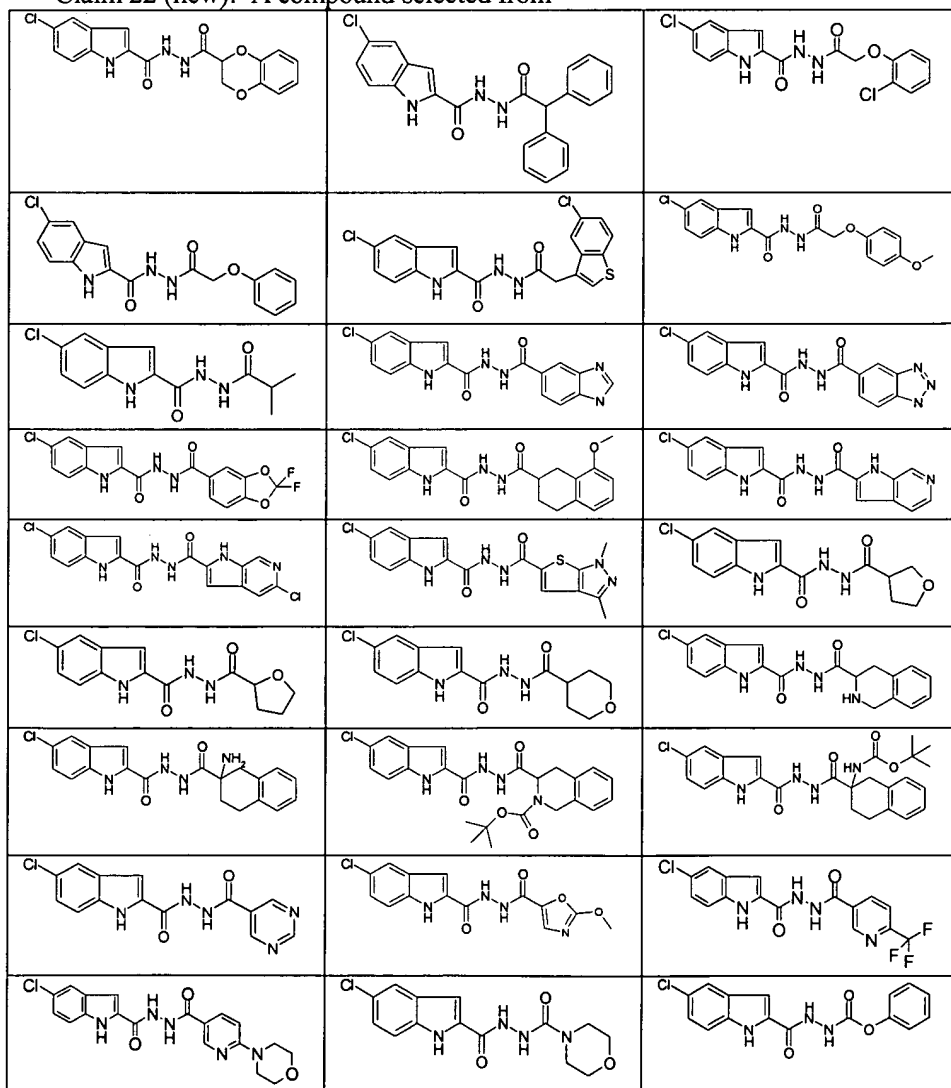
Claim 20 (new): A compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein R<sup>2</sup> is hydrogen.

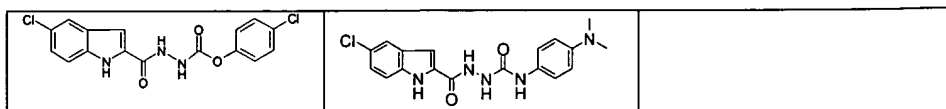
Claim 21 (new): A compound selected from



or a pharmaceutically acceptable salt thereof.

Claim 22 (new): A compound selected from





or a pharmaceutically acceptable salt thereof.

Claim 23 (new): A pharmaceutical composition comprising a compound according to claim 1, or a pharmaceutically acceptable salt thereof; and a pharmaceutically acceptable carrier.

Claim 24 (new): A method for the treatment of a disease or condition in which glycogen phosphorylase plays a role comprising a step of administering to a subject in need thereof an effective amount of a compound according to claim 1, or a pharmaceutically acceptable salt thereof.

Claim 25 (new): A method for the treatment of hyperglycemia or diabetes comprising a step of administering to a subject in need thereof an effective amount of a compound according to claim 1, or a pharmaceutically acceptable salt thereof.

Claim 26 (new): A method for the prevention of diabetes in a human demonstrating pre-diabetic hyperglycemia or impaired glucose tolerance comprising a step of administering to a subject in need thereof an effective prophylactic amount of a compound according to claim 1, or a pharmaceutically acceptable salt thereof.

Claim 27 (new): A method for the treatment of hypercholesterolemia, hyperinsulinemia, hyperlipidemia, hypertension, atherosclerosis or tissue ischemia, or achieving cardioprotection or inhibition of abnormal cell growth, comprising a step of administering to a subject in need thereof an effective amount of a compound according to claim 1, or a pharmaceutically acceptable salt thereof.